Title (en)

PROCESS FOR THE PRODUCTION OF OXYGENATED HYDROCARBONS BY THE CATALYTIC CONVERSION OF SYNTHESIS GAS

Publication

EP 0079132 B1 19850918 (EN)

Application

EP 82305437 A 19821013

Priority

GB 8131380 A 19811017

Abstract (en)

[origin: US4492772A] An oxygenated hydrocarbon product comprising methanol and ethanol is produced by hydrogenating carbon monoxide at a temperature in the range 150 DEG to 450 DEG C. and a pressure in the range 1 to 700 bars in the presence as catalyst of a supported mixture of the metals rhodium, silver, zirconium and molybdenum and optionally also one or more of the metals iron, manganese, rhenium, tungsten, ruthenium, chromium, thorium and potassium. The preferred support is silica.

IPC 1-7

C07C 27/06; C07C 29/15; C07C 45/49; C07C 51/10; C07C 31/04; C07C 31/08; B01J 21/06; B01J 23/64; B01J 23/68

IPC 8 full level

C07C 27/06 (2006.01); **B01J 23/68** (2006.01); **B01J 23/89** (2006.01); **B01J 29/076** (2006.01); **C07C 1/04** (2006.01); **C07C 27/00** (2006.01); **C07C 29/15** (2006.01); **C07C 29/158** (2006.01); **C07C 31/04** (2006.01); **C07C 31/08** (2006.01); **C07C 45/49** (2006.01); **C07C 51/10** (2006.01); **C07C 67/00** (2006.01); **C10L 1/02** (2006.01)

CPC (source: EP US)

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